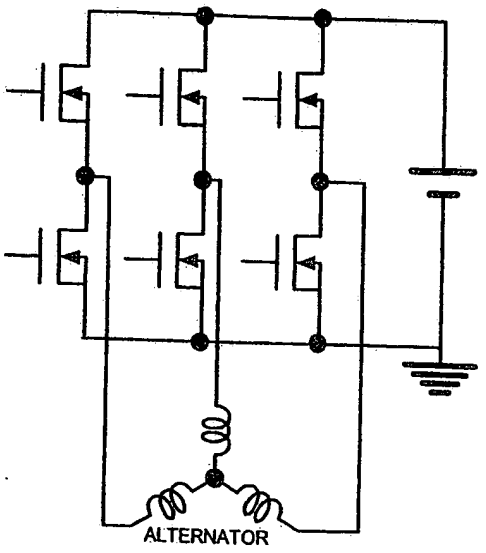


FIG 1
Prior Art

FIG 2A

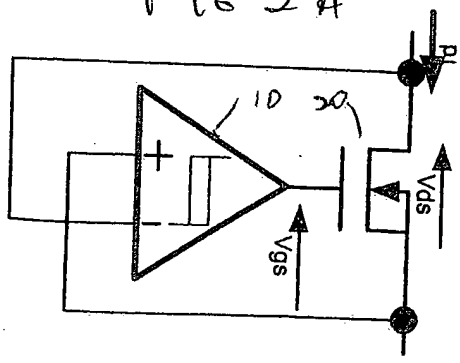


FIG 2B

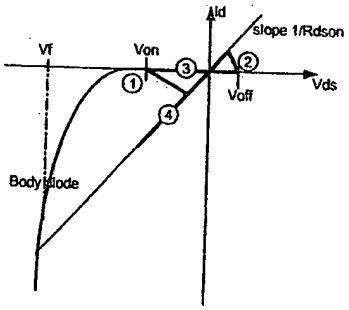
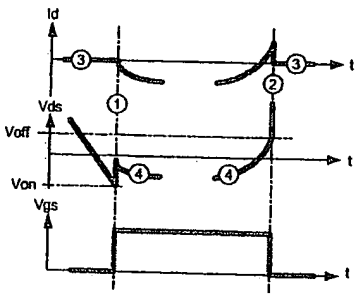
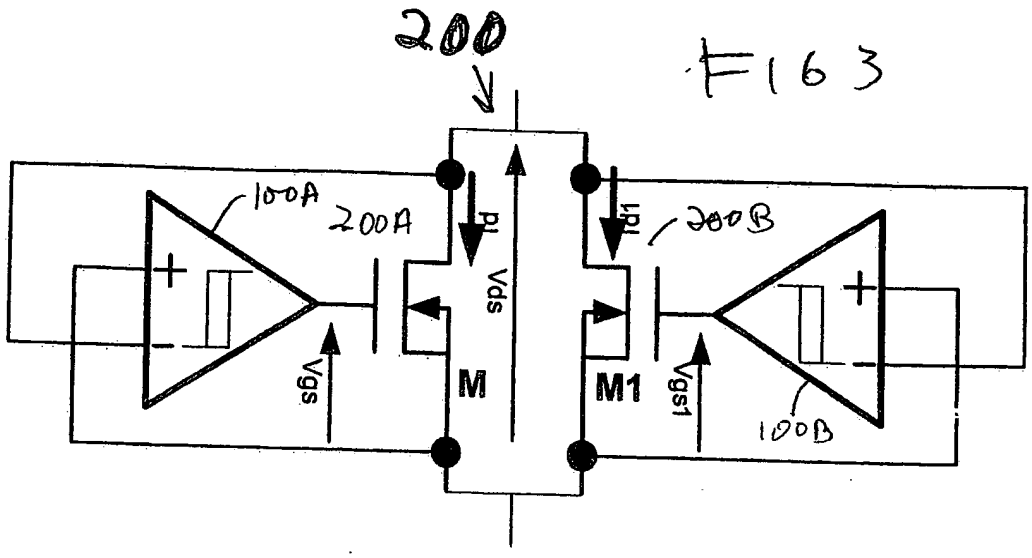


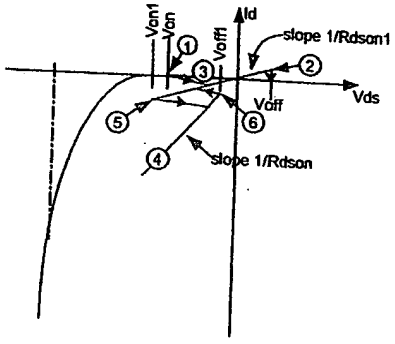
FIG 2C

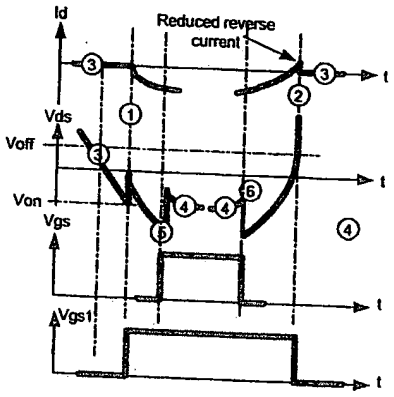


Prior Art



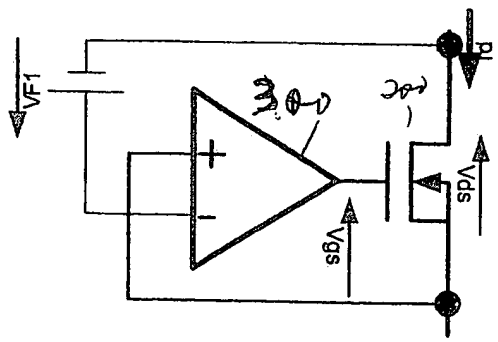
F163

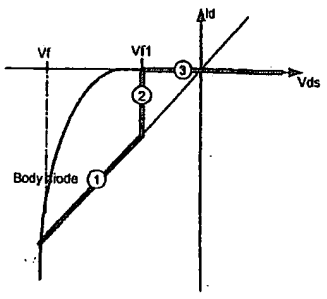


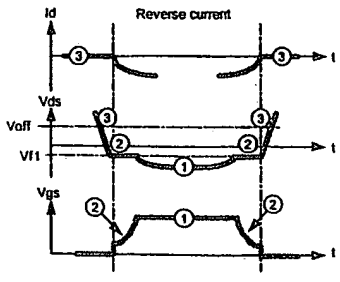


F164A

F165A F165B F165C







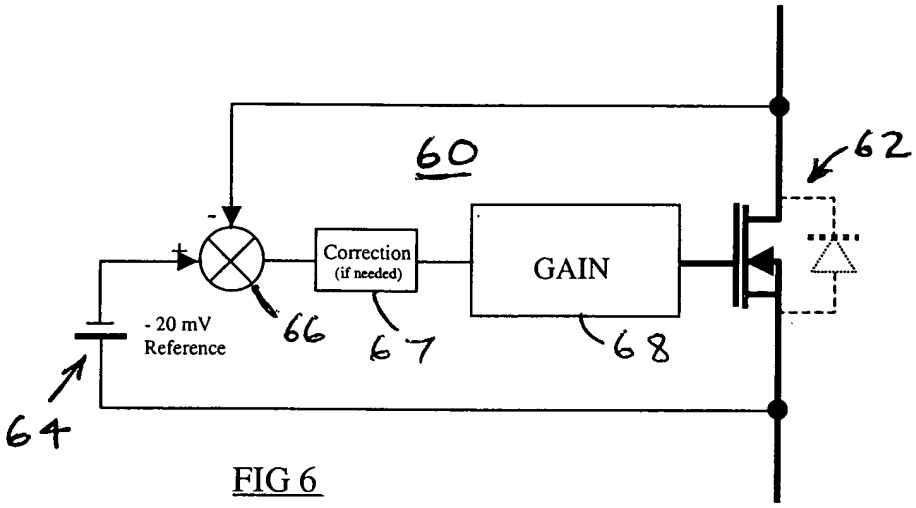

60
62
Correction
(if needed)
GAIN
- 20 mV
Reference
66
67
68
64

FIG 6

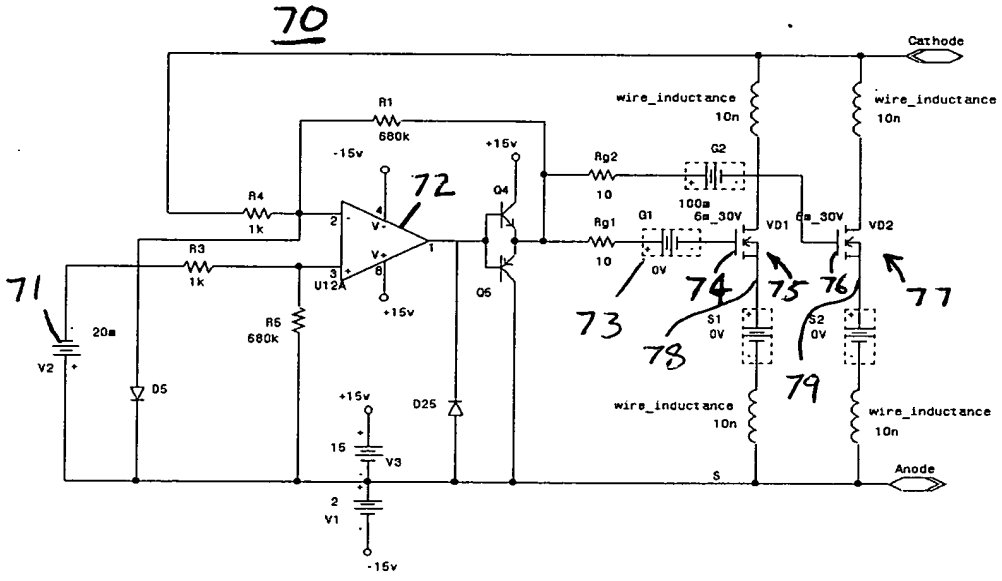

70
Cathode
R1
680k
-15v
+15v
72
R4
1k
R3
1k
U12A
Q4
Q5
Rg2
10
G2
100m
6m_30V
Rg1
10
G1
0V
VD1
6m_30V
VD2
wire_inductance
10n
wire_inductance
10n
71
20m
V2
R5
680k
D5
D25
+15v
15
V3
2
V1
-15v
73
74
75
76
77
78
79
S1
0V
S2
0V
wire_inductance
10n
wire_inductance
10n
S
Anode

Fig. 7